



# ORANGE HIGH SCHOOL

## ASSESSMENT TASK NOTIFICATION

<b>Subject</b>	Year 8 Mathematics Mid Course Examination(In class Test)
<b>Topics</b>	Pythagoras' Theorem, Measurement, Circles, Financial Maths
<b>Class Teacher</b>	Edwards, Sood, Harrison, Jones, Kulkarni.
<b>Head Teacher</b>	Ms Joanne Stevenson
<b>Date Given</b>	22/5/19
<b>Date Due</b>	Term Two, Week Six
<b>Weighting</b>	30%

### Assessment Outline

#### Topics and outcomes assessed are:

- **MA4-16MG applies Pythagoras' Theorem to calculate side lengths in right-angled triangles, and solves related problems.** This includes:
  - ✓ Unit conversion in length.
  - ✓ Applying Pythagoras Theorem to calculate the hypotenuse.
  - ✓ Applying Pythagoras Theorem to calculate one of the shorter sides.
  - ✓ Pythagorean triads.
- **MA4-12MG, MA4-13MG, MA4-14MG.** This includes:
  - ✓ Unit conversions in length and area.
  - ✓ Area of triangle, rectangle, special quadrilaterals and trapezium
  - ✓ Composite areas
  - ✓ Volume of right prisms
- **MA4-8NA, MA4-9NA – ALGEBRA.** This includes:
  - ✓ Terminology in Algebra.
  - ✓ Adding and subtracting like terms.
  - ✓ Multiplying and dividing like terms.
  - ✓ Expanding brackets.
  - ✓ Factorising algebraic expressions.
  - ✓ Problem solving with Algebra.
  - ✓ The Index Laws.
- **MA4-12MG, MA4-13MG, MA4-14MG – CIRCLES AND CYLINDERS.** This includes:
  - ✓ Parts of a circle.
  - ✓ Calculating circumference and area of a circle.
  - ✓ Calculating perimeter of composite shapes.
  - ✓ Calculating area of composite shapes.
  - ✓ Volume of a cylinder
- **MA4-5NA, MA4-6NA Financial Maths.** This includes:
  - ✓ Fractions, decimal and percentage conversions.
  - ✓ Percentage of a quantity.
  - ✓ Increase and decrease by a percentage.

Please bring your pen, calculator and ruler on the day of the Examination.

#### Non-completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both cases.

#### Cheating and Plagiarism:

Any cheating and plagiarism may incur penalties and result in a zero mark.